

## CORRECTION

[View Article Online](#)  
[View Journal](#) | [View Issue](#)

Cite this: *Dalton Trans.*, 2025, **54**, 414

## Correction: Highly efficient yellow emission and abnormal thermal quenching in $\text{Mn}^{2+}$ -doped $\text{Rb}_4\text{CdCl}_6$

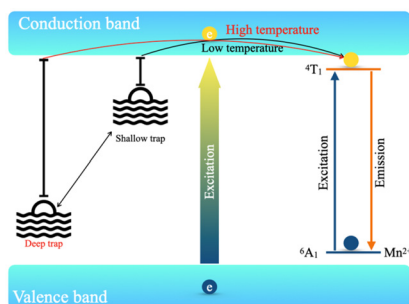
Dayu Huang,<sup>a,b</sup> Qiuyun Ouyang,<sup>b</sup> Youchao Kong,<sup>c</sup> Bo Wang,<sup>\*c</sup> Ziyong Cheng,<sup>a</sup> Abdulaziz A. Al Kheraif,<sup>d</sup> Hongzhou Lian<sup>\*a</sup> and Jun Lin<sup>\*a</sup>

DOI: 10.1039/d4dt90215g

[rsc.li/dalton](https://rsc.li/dalton)

Correction for 'Highly efficient yellow emission and abnormal thermal quenching in  $\text{Mn}^{2+}$ -doped  $\text{Rb}_4\text{CdCl}_6$ ' by Dayu Huang et al., *Dalton Trans.*, 2023, **52**, 5715–5723, <https://doi.org/10.1039/D3DT00453H>.

The graphical abstract image has been corrected as follows:



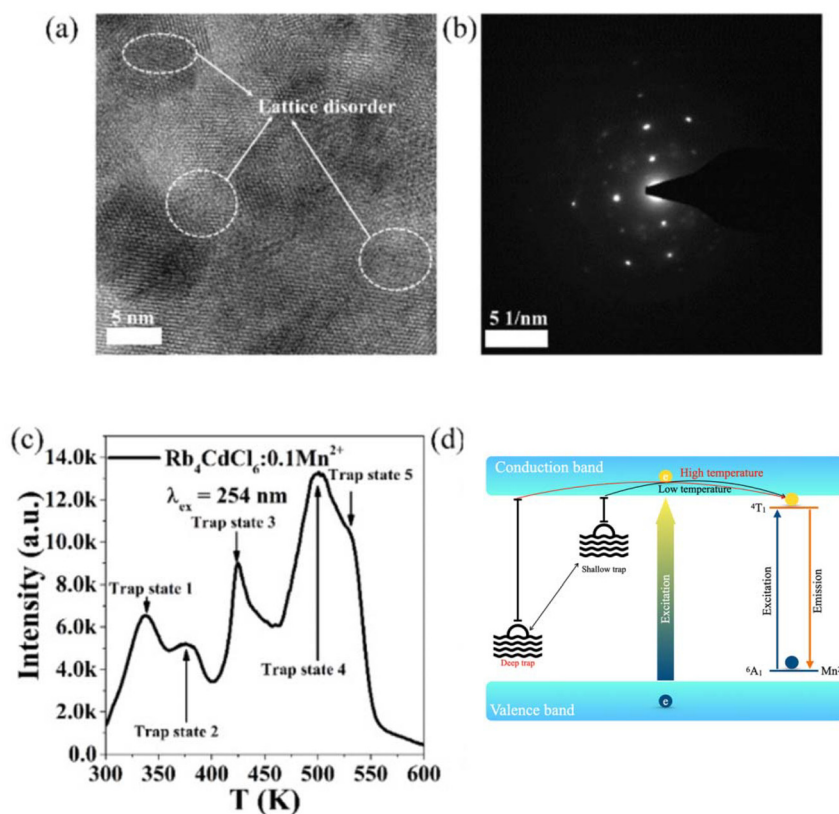
<sup>a</sup>State Key Laboratory of Rare Earth Resource Utilization, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, P. R. China. E-mail: [jlin@ciac.ac.cn](mailto:jlin@ciac.ac.cn)

<sup>b</sup>Key Laboratory of In-Fiber Integrated Optics, Ministry Education of China and College of Physics and Optoelectronic Engineering, Harbin Engineering University, Harbin 150001, China

<sup>c</sup>Institute of Applied Physics and Materials Engineering, University of Macau, Macao SAR, 999078, P. R. China

<sup>d</sup>Dental Health Department, College of Applied Medical Sciences, King Saud University, Riyadh 12372, Saudi Arabia

In addition, the description of electronic transition process 1–6 in Fig. 6d is inaccurate. There is currently no direct characterization to prove the order of electronic transitions. The figure has been corrected as follows.



**Fig. 6** (a) High-resolution TEM image of  $\text{Rb}_4\text{CdCl}_6:0.1\text{Mn}^{2+}$ , the lattice disorder induced by defects is marked by white arrows. (b) SAED image of  $\text{Rb}_4\text{CdCl}_6:0.1\text{Mn}^{2+}$ . (c) The thermoluminescence curve. (d) Configuration coordinate diagram.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

